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特許協力条約に基づいて公開された国際出願

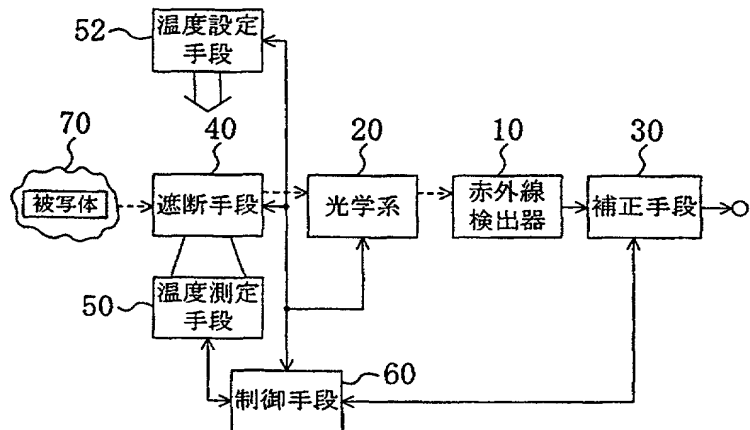
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(54)Title: INFRARED IMAGING DEVICE, VEHICLE WITH THE SAME, AND INFRARED IMAGE ADJUSTING DEVICE

(54)発明の名称 赤外線画像撮像装置およびこれを搭載した車両、並びに赤外線画像調整装置

(57) Abstract

An infrared imaging device is disclosed. Shut-off means (40) is closable and openable, and shuts off infrared radiation incident on an optical system (20) when it is in a close state. While the infrared imaging device is imaging, the shut-off means (40) is set in an open state, and the optical system (20) forms an infrared image of an object (70) on an infrared sensor (10) by focusing infrared radiation radiated from the object (70). The infrared sensor (10) outputs a signal corresponding to the amount of infrared radiation received by each pixel. Correction means (30) corrects the sensitivity variations of pixels and the effect of infrared radiation from the optical system (20). While the infrared imaging (40) device is calibrated, the shut-off means is set in a closed state, and correcting means (30) determines a correction coefficient for correcting the variation of the amount of infrared radiation from the optical system (20) by using the output of the infrared sensor (10) imaging the shut-off means (40).



52...TEMPERATURE SETTING MEANS
70...OBJECT
40...SHUT-OFF MEANS
20...OPTICAL SYSTEM
10...INFRARED SENSOR
30...CORRECTING MEANS
50...TEMPERATURE MEASURING MEANS
60...CONTROL MEANS